

CLEAN VERSION OF THE NEW AND AMENDED CLAIMS

- Sub B1*
A
1. (Amended) A valve comprising:
a valve body defining a metering chamber in communication with a dispensing passage; and,
a valve stem having the dispensing passage and a transfer passage contacting and slidably movable with respect to
a first sealing ring including a first sealing portion;
wherein the sealing ring further includes a first wiper adapted to wipe the valve stem.
2. (Amended) The valve according to claim 1, further including:
a sampling chamber; and,
a second sealing ring including a second sealing portion,
wherein, in a valve-closed position, the dispensing is isolated from the metering chamber and the metering chamber is in communication with the sampling chamber via said transfer passage,
wherein, in the valve-open position, the dispensing passage is in communication with the metering chamber and the transfer passage is isolated from the metering chamber, and,
wherein the second sealing ring further includes a second wiper adapted to wipe the valve stem.
3. (Amended) The valve according to claim 1, wherein the first and/or second wiper is integral to the first and/or second sealing ring, respectively.
4. (Amended) The valve according to claim 2, wherein the first and/or second wiper includes first and/or second curved portions, respectively.
5. (Amended) The valve according to claim 4, including an enclosed space between the first and/or second wiper and the valve stem.

6. (Amended) The valve according to claim 5, wherein the first and/or second sealing portions include first and/or second square cut edges, respectively.

7. (Amended) The valve according to claim 2 wherein the first and/or second sealing portions include first and/or second rounded edges, respectively.

8. (Amended) The valve according to claim 2, wherein the first and/or second wiper includes first and/or second tapered portions, respectively.

9. (Amended) The valve according to claim 2, further including a first and/or second layer of rigid material supporting the first and/or second wiper and sealing portion, respectively.

10. (Amended) The valve according to claim 9 wherein the first and/or second layer is constructed from a material selected from the group consisting of a polybutylteraphthlate, polyoxymethylene, metal and nylon.

11. (Amended) The valve according to claim 2, wherein the first and/or second sealing portions include first and/or second lobed portions, respectively.

13. (Amended) The valve according to claim 2, wherein the first and/or second sealing ring constructed by moulding.

14. (Amended) The valve according to claim 13 wherein the first and/or second sealing ring is made by compression moulding or injection moulding.

15. (Amended) The valve according to claim 2, wherein the first and/or second sealing ring is formed from an elastomeric material.

16. (Amended) The valve according to claim 15 wherein the elastomeric material is selected from the group consisting of:

- a copolymer of about 80 to about 95 mole% ethylene and about 5 to about 20 mole% of one or more of 1-butene, 1-hexene and 1-octene;
- a styrene-ethylene/butylene-styrene block copolymer;
- an ethylene propylene diene rubber;
- a styrene-ethylene/butylene-styrene dispersed in a polypropylene or polyethylene matrix;
- a butyl polyethylene;
- a butyl-polypropylene; and
- mixtures thereof.

17. (Amended) The valve according to claim 2, wherein the first and/or second sealing ring is fixed relative to the valve body.

18. (Amended) The valve according to claim 17, wherein the first and/or second sealing ring is fixed within a cavity in the valve body.

19. (Amended) The valve according to claim 1, wherein the stem includes a lubricant.

20. (Amended) The valve according to claim 1, wherein the first and/or second sealing ring includes a lubricant.

21. (Amended) A drug product comprising:
an aerosol container in communication with
a valve body defining a metering chamber in communication with a dispensing passage; and,
a valve stem having the dispensing passage and a transfer passage contacting and slidably movable with respect to
a first sealing ring including a first sealing portion;

US Serial No.: nya
Applicant Docket No.: PG3736USW
Int'l Appln. No.: PCT/EP00/06226

wherein the sealing ring further includes a first wiper adapted to wipe the valve stem.

22. (Amended) The drug product of claim 21, further comprising a suspension of a medicament in a propellant contained within the aerosol container.

23. (Amended) The drug product according to claim 22, wherein the propellant is liquified HFA134a or HFA-227 or mixtures thereof.

24. (Amended) The drug product according to claim 22, wherein the medicament is selected from the group consisting of albuterol, salmeterol, fluticasone, beclomethasone, salts, esters or solvates thereof, and combinations thereof.

25. (Amended) The drug product according to claim 24 wherein the medicament comprises salmeterol xinafoate and fluticasone propionate.

2022-01-14 10:15:00